

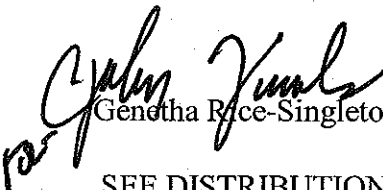
ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0004428, Douglas County **OFFICE** Preconstruction
MSL00-0004-00(428)
CR 817/Lee Road Widening

DATE June 27, 2008

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached is the approved Location and Design Report for the above subject project.

Also attached is the Notice of Location and Design Approval. This is the Authorization for the District to proceed with advertisement

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Michael Henry
Keith Golden
Angela Alexander
Paul Liles
Bryant Poole
Mike Lobdell
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0004428, Douglas County
MSL00-0004-00(428)
CR 817/Lee Road Widening

OFFICE: District 7

DATE: June 23, 2008

FROM: *bl* Bryant Poole, District Engineer
TO: Genetha Rice-Singleton, Asst. Director of Preconstruction

SUBJECT: Request for Location and Design Approval

Description and Project Proposal: *The proposed project would widen and improve C.R.817/Lee Road from its intersection with S.R.92/Fairburn Road to approximately 1,300 feet south of I-20 (the northern terminus of Project NHS-0001-00(917)). Proposed improvements consist of widening C.R.817/Lee Road from a two-lane rural roadway to a four-lane divided urban highway with a 20-foot raised grassed median. The existing five-foot grassed shoulders along Lee Road will be replaced with 16-foot shoulders with curb and gutter and five foot sidewalks. An eight-foot asphalt multi-use trail will be placed within the 16-foot shoulder along the east side of Lee Road from East County Line Road to the end of the project to accommodate Douglas County's Bicycle Pedestrian plan. The existing traffic signal at S.R.92/Fairburn Road will be upgraded to provide protected left turning movements. The intersection with S.R.92/Fairburn Road will be constructed to provide for two left turn lanes and a right turn lane with storage along Lee Road. The signal at East County Line Road will be replaced with a new signal with signal phasing for protected left turns. The intersection at East County Line Road will be reconstructed to provide left and right turn lanes with storage. The intersection of Lee Road and South County Line Road will be reconstructed to provide left and right turn lanes with storage. Left turning movements from South County Line Road will be stop sign controlled and right turns will be yield sign controlled. Additional turn lanes will be provided along Lee Road as required. The total project length is 2.53 miles.*

Concept Approval Date: *The original concept report date was July 20, 2005.*

Concept Update: *There have been no updates to the concept report.*

Environmental Assessment and Reassessment Approval Date: *The NEPA document was approved on April 16, 2008.*

- **Public Involvement:**

One Public Information Open House (PIOH) was conducted by GDOT for the selected alternative in conjunction with MSL-0004-00(427), P.I. Number 0004427, on January 13, 2005. Approximately 348 people attended and a total of 69 written and 21 verbal comments were received at the meeting. An additional nine comments were received during the day comment period for a total of 99 comments. Of those commenting, 38 were in complete support of the project, 18 were opposed to the project, 20 were uncommitted and 23 offered conditional support. GDOT responded to the comments in letters dated June 7, 2005. The major concern expressed during this PIOH was related to the proposed use of a raised median. Raised medians with properly located openings have proven to be one of the most important features in providing a safe and efficient roadway and particularly beneficial in high traffic volumes such as those projected for Lee Road. According to GDOT guidelines, this project requires a raised median based on the projected traffic volumes.

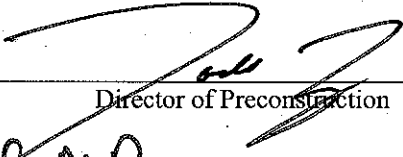
One Public Hearing Open House (PHOH) was conducted by GDOT for the selected alternative on February 12, 2008. One hundred forty-nine (149) people attended and 13 written and nine verbal comments were received at the meeting. An additional eight comments were received during the ten day comment period for a total of 30 comments from 26 individuals. Of those commenting, seven were in complete support of the project, eight were opposed to the project, three were uncommitted and nine offered conditional support. GDOT responded to the comments in letters sent in early March 2008. The major concerns expressed during this PHOH were the effect of right-of-way acquisitions on homes and businesses, driveway access and the desire to have more or relocated median breaks, and the possible ill effects of the roadway project on travel speeds on Lee Road.

Consistency with Approved Planning:


The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: *Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.*

RECOMMEND: _____


Director of Preconstruction

APPROVE: _____


Chief Engineer

6/27/08

Date of Approval

Attachments:

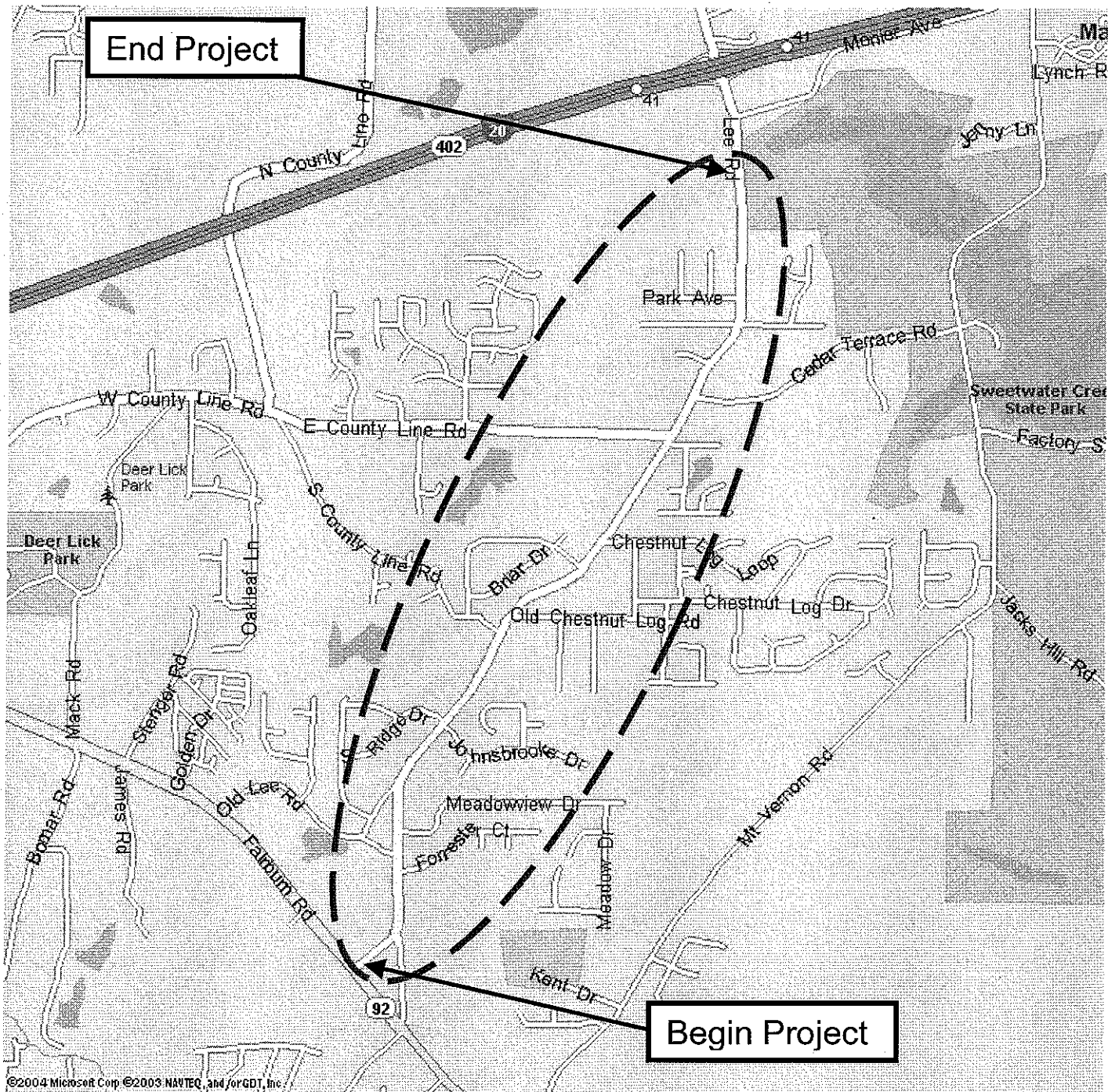
- Sketch Map
- Notice of Location and Design Approval
- Cost Estimate

LOCATION MAP

MSL-0004-00(428) Douglas County

PI No. 0004428

Lee Road Phase 2



NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: MLS-0004-00(428), DOUGLAS COUNTY
P. I. NO. 0004428

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

Date of Location and Design Approval: June 27, 2008

Project MLS-0004-00(428) is located within Douglas County along C.R.817/Lee Road in the 1st and 18th Land Districts.

Project MLS-0004-00(428), proposes the widening and reconstruction C.R.817/Lee Road for a distance of 2.6 miles from the intersection of C.R.817/Lee Road with S.R.92/Fairburn Road to approximately 1300 feet south of

The proposed construction will widen C.R.817/Lee Road from a two-lane rural roadway to a four-lane divided urban highway with a 20-foot raised grassed median. The existing five-foot grassed shoulders along Lee Road will be replaced with 16-foot shoulders with curb and gutter and five foot sidewalks. An eight-foot asphalt multi-use trail will be placed within the 16-foot shoulder along the east side of Lee Road from East County Line Road to the end of the project to accommodate Douglas County's Bicycle Pedestrian plan. The existing traffic signals at S.R.92/Fairburn Road and at East County Line Road will be upgraded to provide protected left turning movements.

Drawings of the proposed project are on file and are available for public inspection at the Georgia Department of Transportation:

Ernay Robinson
Georgia Department of Transportation
District 7 Area 3 Engineer
4125 Roosevelt Highway
College Park, Ga. 30349
Telephone (404) 559-6699

Any interested party may obtain a copy of the drawings or maps or portions thereof by paying a nominal fee and requesting in writing to:

Mike Lobdell
District Preconstruction Engineer
Georgia Department of Transportation
District 7 Office
5025 New Peachtree Road
Chamblee, Georgia 30341
Telephone (770) 986-1257

Any written request or communication in reference to this project should include the Project and P.I. Numbers as noted at the top of this notice.

Cost Estimate Report
Project: MSL-0004-00(428)
P.I. Number: 0004428

Douglas County

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	235212.21	TRAFFIC CONTROL - MSL-0004-00(428)	235212.21
153-1300	1	EA	74663.84	FIELD ENGINEERS OFFICE TP 3	74663.84
201-1500	1	LS	215000.00	CLEARING & GRUBBING - MSL-0004-00(428)	215000.00
205-0001	131716	CY	10.00	UNCLASS EXCAV	1317160.00
206-0002	22504	CY	15.00	BORROW EXCAV, INCL MATL	337560.00
207-0203	40	CY	50.01	FOUND BKFILL MATL, TP II	2000.40
310-1101	83648	TN	20.72	GR AGGR BASE CRS, INCL MATL	1733186.56
318-3000	1695	TN	22.85	AGGR SURF CRS	38730.75
402-1812	27	TN	67.37	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	1818.99
402-3121	24766	TN	68.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1684088.00
402-3130	10334	TN	89.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	919726.00
402-3190	12876	TN	69.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	888444.00
413-1000	12767	GL	1.89	BITUM TACK COAT	24129.63
441-0016	1325	SY	39.66	DRIVEWAY CONCRETE, 6 IN TK	52549.50
441-0018	24	SY	47.58	DRIVEWAY CONCRETE, 8 IN TK	1141.92
441-0104	16047	SY	33.14	CONC SIDEWALK, 4 IN	531797.58
441-0600	18	CY	835.75	CONC HEADWALLS	15043.50
441-0748	7570	SY	54.89	CONCRETE MEDIAN, 6 IN	415517.30
441-4020	2274	SY	41.31	CONC VALLEY GUTTER, 6 IN	93938.94
441-4030	430	SY	54.12	CONC VALLEY GUTTER, 8 IN	23271.60
441-6720	41056	LF	15.55	CONC CURB & GUTTER, 6 IN X 30 IN, TP 7	638420.80
444-1000	3009	LF	7.80	SAWED JOINTS IN EXIST PAVEMENTS - PCC	23470.20
446-1100	1500	LF	2.47	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	3705.00
500-3200	26	CY	399.76	CLASS B CONCRETE	10393.76
500-3201	176	CY	559.58	CLASS B CONCRETE, RETAINING WALL	98486.08
515-2020	151	LF	34.78	GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	5251.78
550-1180	10680	LF	41.03	STORM DRAIN PIPE, 18 IN, H 1-10	438200.40
550-1240	4824	LF	46.55	STORM DRAIN PIPE, 24 IN, H 1-10	224557.20
550-1300	1200	LF	65.08	STORM DRAIN PIPE, 30 IN, H 1-10	78096.00
550-1360	224	LF	81.32	STORM DRAIN PIPE, 36 IN, H 1-10	18215.68
550-1480	144	LF	116.38	STORM DRAIN PIPE, 48 IN, H 1-10	16758.72
550-2180	88	LF	27.02	SIDE DRAIN PIPE, 18 IN, H 1-10	2377.76
550-4118	2	EA	414.15	FLARED END SECTION 18 IN, SIDE DRAIN	828.30
550-4124	2	EA	424.05	FLARED END SECTION 24 IN, SIDE DRAIN	848.10
550-4136	2	EA	819.07	FLARED END SECTION 36 IN, SIDE DRAIN	1638.14
573-2006	1000	LF	13.27	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	13270.00
634-1200	215	EA	101.29	RIGHT OF WAY MARKERS	21777.35
641-1200	2000	LF	15.53	GUARDRAIL, TP W	31060.00
641-5001	3	EA	618.34	GUARDRAIL ANCHORAGE, TP 1	1855.02
641-5012	3	EA	1852.28	GUARDRAIL ANCHORAGE, TP 12	5556.84
668-1100	141	EA	2553.80	CATCH BASIN, GP 1	360085.80
668-1110	79	LF	299.19	CATCH BASIN, GP 1, ADDL DEPTH	23636.01
668-2100	1	EA	2474.45	DROP INLET, GP 1	2474.45
668-4300	2	EA	2355.73	STORM SEWER MANHOLE, TP 1	4711.46
668-4311	4	LF	321.60	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	1286.40
668-5000	1	EA	2289.84	JUNCTION BOX	2289.84
Section Sub Total:					\$10,634,231.81

Section PERMANENT EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2180	134	SY	32.66	STN DUMPED RIP RAP, TP 3, 12 IN	4376.44
603-7000	134	SY	5.25	PLASTIC FILTER FABRIC	703.50
700-6910	17	AC	939.80	PERMANENT GRASSING	15976.60
700-7000	78	TN	48.56	AGRICULTURAL LIME	3787.68
700-7010	66	GL	21.12	LIQUID LIME	1393.92
700-8000	6	TN	286.86	FERTILIZER MIXED GRADE	1721.16
700-8100	1300	LB	2.31	FERTILIZER NITROGEN CONTENT	3003.00
715-2200	254	SY	2.17	BITUMINOUS TREATED ROVING, WATERWAYS	551.18
716-2000	17600	SY	1.03	EROSION CONTROL MATS, SLOPES	18128.00
Section Sub Total:					\$49,641.48

Section TEMPORARY EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	9	AC	574.76	TEMPORARY GRASSING	5172.84
163-0240	132	TN	200.57	MULCH	26475.24
163-0300	4	EA	1816.42	CONSTRUCTION EXIT	7265.68
163-0520	1000	LF	16.50	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	16500.00
163-0522	18	EA	88.32	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE A SILT FENCE	1589.76
163-0530	2075	LF	4.04	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	8383.00
163-0531	1	EA	25000.00	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	25000.00
163-0550	132	EA	228.63	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	30179.16
165-0010	7838	LF	0.69	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	5408.22
165-0030	1038	LF	1.29	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1339.02
165-0101	4	EA	516.98	MAINTENANCE OF CONSTRUCTION EXIT	2067.92
165-0105	66	EA	80.96	MAINTENANCE OF INLET SEDIMENT TRAP	5343.36
167-1000	2	EA	1037.94	WATER QUALITY MONITORING AND SAMPLING	2075.88
167-1500	24	MO	950.27	WATER QUALITY INSPECTIONS	22806.48
171-0010	15675	LF	1.56	TEMPORARY SILT FENCE, TYPE A	24453.00
171-0030	2075	LF	3.80	TEMPORARY SILT FENCE, TYPE C	7885.00
Section Sub Total:					\$191,944.56

Section SIGNING & MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	475	SF	15.16	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	7201.00
636-1033	712	SF	19.80	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	14097.60
636-2070	3555	LF	8.59	GALV STEEL POSTS, TP 7	30537.45
653-0110	3	EA	60.74	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	182.22
653-0120	107	EA	73.71	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	7886.97
653-0130	4	EA	104.93	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	419.72
653-0170	12	EA	88.72	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	1064.64
653-0210	4	EA	112.87	THERMOPLASTIC PVMT MARKING, WORD, TP 1	451.48
653-1501	41153	LF	0.43	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	17695.79
653-1502	31916	LF	0.44	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	14043.04
653-1704	655	LF	3.94	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	2580.70

653-1804	10664	LF	2.09	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	22287.76
653-3502	35822	GLF	0.25	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	8955.50
653-6004	760	SY	3.03	THERMOPLASTIC TRAF STRIPING, WHITE	2302.80
653-6006	134	SY	2.92	THERMOPLASTIC TRAF STRIPING, YELLOW	391.28
654-1001	100	EA	3.08	RAISED PVMT MARKERS TP 1	308.00
654-1003	1150	EA	3.72	RAISED PVMT MARKERS TP 3	4278.00
Section Sub Total:					\$134,683.95

Section SIGNAL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
0	1	EA	500000.00	ITS FIBER OPTIC COMMUNICATIONS	500000.00
441-0104	85	SY	33.28	CONC SIDEWALK, 4 IN	2828.80
615-1200	300	LF	11.35	DIRECTIONAL BORE -	3405.00
647-1000	2	LS	150000.00	TRAFFIC SIGNAL INSTALLATION NO -	300000.00
Section Sub Total:					\$806,233.80

Total Estimated Cost: \$11,816,735.60

Subtotal Construction Cost \$11,816,735.60

E&C Rate 10.0 % \$1,181,673.56

Inflation Rate 5.0 % @ 2 Years \$1,332,336.94

Total Construction Cost \$14,330,746.10

Right Of Way \$6,000,000.00

ReImb. Utilities \$0.00

Grand Total Project Cost \$20,330,746.10

ENGINEERING @ 5% 590,837

CONTINGENCY @ 6% 744,454

TOTAL CONST. COST = 13,152,026

RIGHT-OF-WAY - 6,000,000

REIMB UTILITIES - -0-

TOTAL PROJECT COST - 19,152,026

del
6/24/2008